

Oroville Facilities Relicensing Project

California Department of Water Resources



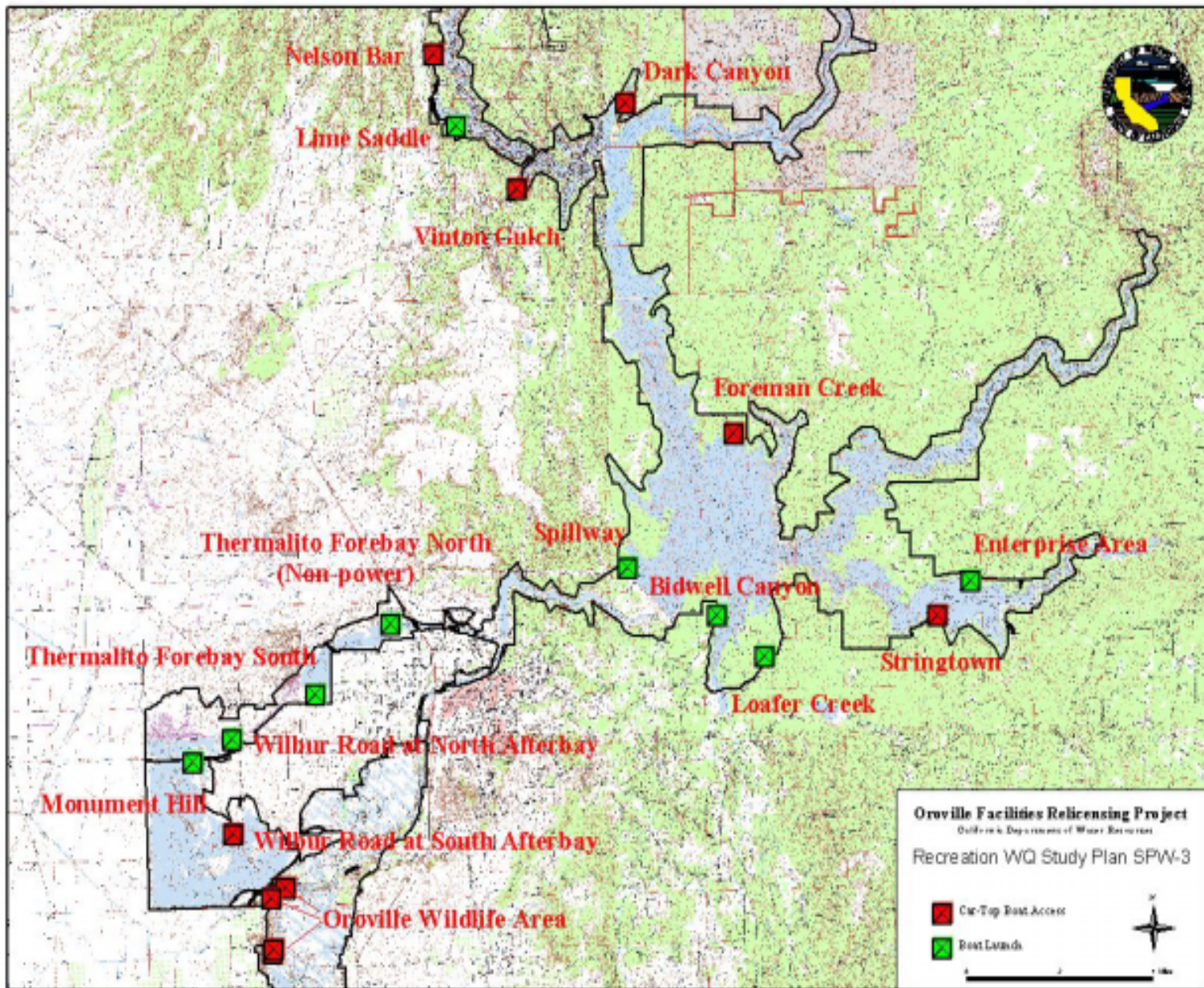
Potential Sources of Contamination

Petroleum byproducts

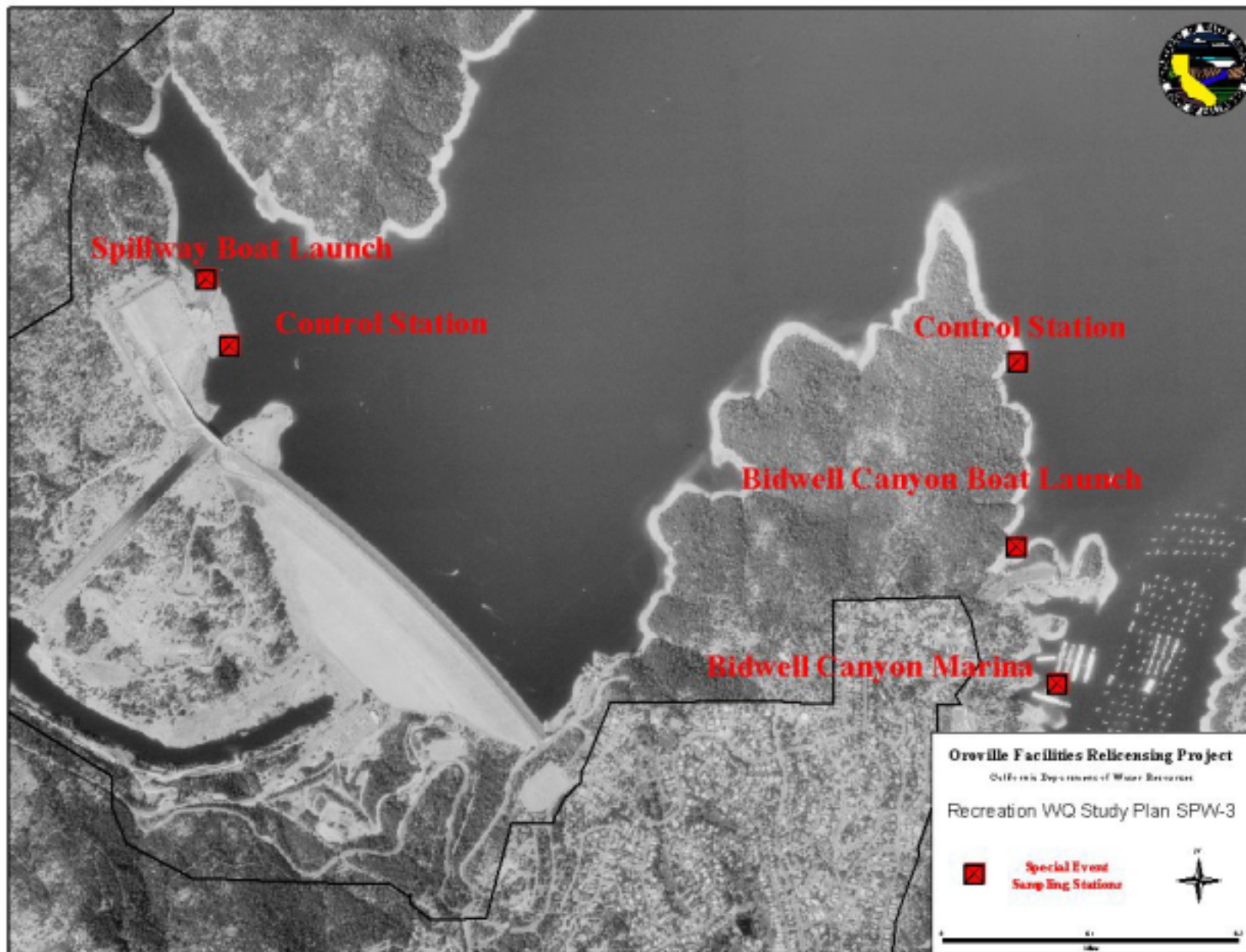
- Runoff from parking lots
- Immersion of vehicles & boat trailers
- Leaky fuel tanks
- Bilge or fuel discharges
- Spills during refueling

Metals

- Boat operation
- Fuel additives spills



**SPW-3 Recreation WQ Sampling
– Boat Launches & Car-Top Boat Accesses -**



**SPW-3 Recreation WQ Sampling
– Special Event Stations -**

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Floating Restroom & Campground Concerns

Excessive Nutrients

Bacteria

- Total Coliform
- Fecal Coliform
- Fecal Streptococcus
- Enterococcus

Petroleum byproducts

- Aromatic hydrocarbons
- Polynuclear aromatic hydrocarbons
- Oil & grease
- MTBE

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Potential Sources of Contamination

Nutrients/Bacteria

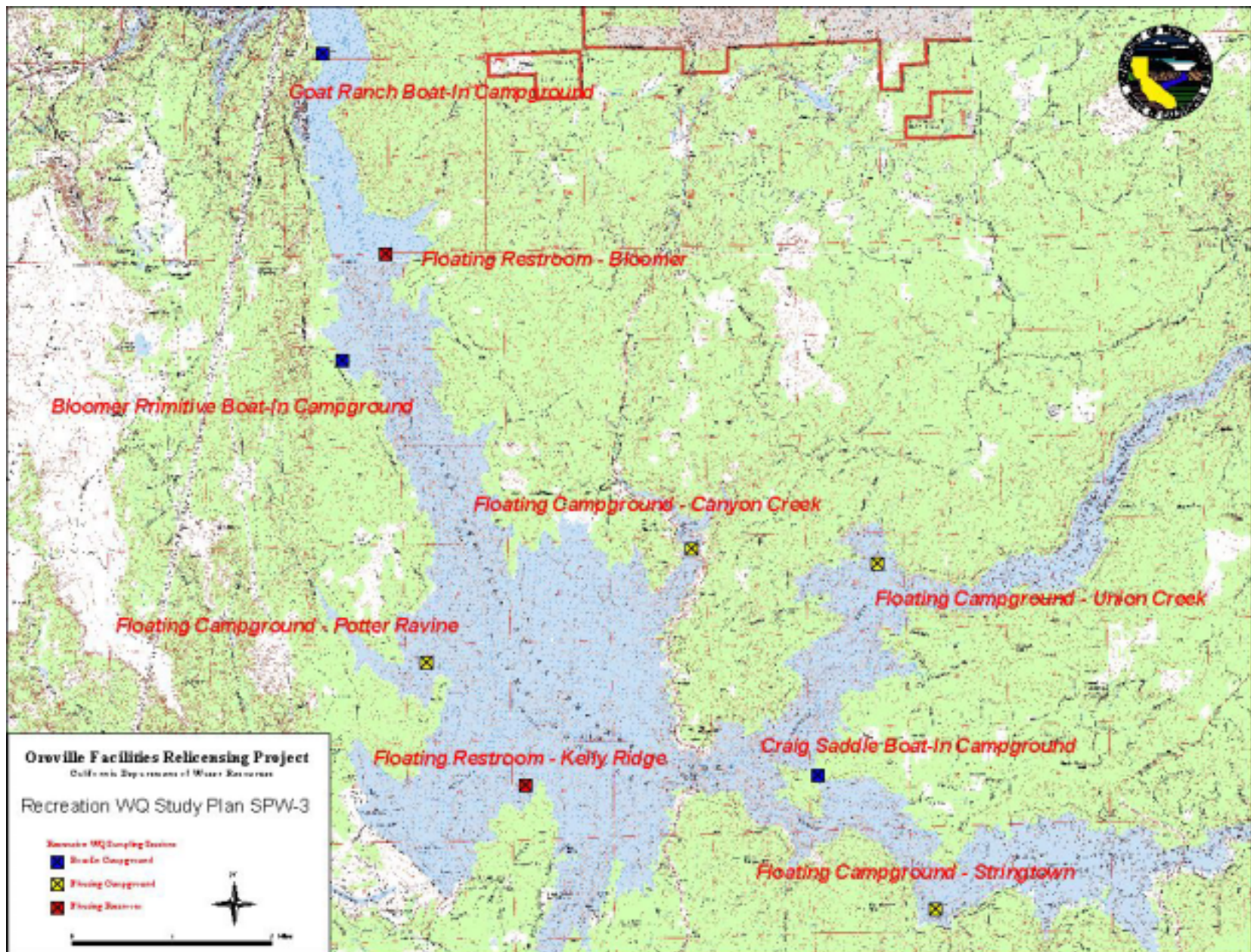
- Human water contact recreation (swimming, skiing, etc.)
- Leaky holding tanks
- Spills during holding tank pump-out
- Littering

Petroleum byproducts

- Leaky fuel tanks
- Bilge or fuel discharges

Metals

- Boat operation
- Fuel additives spills



**SPW-3 Recreation WQ Sampling
– Floating Campgrounds and Restrooms –**

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Station	Date	Total Coliform	Fecal Coliform	Enterococcus	Fecal Streptococcus
Bloomer Boat-In CG	6/25/03	NA	10	<10	NA
	7/24/03	30	2	23	23
	8/27/03	2	2	<2	NA
Bloomer FRR	6/25/03	NA	10	<10	NA
	7/24/03	<2	<2	2	2
	8/27/03	13	2	<2	NA
Canyon Creek FCG	6/25/03	NA	<10	<10	NA
	7/24/03	30	4	6	6
	8/27/03	13	<2	<2	NA
Craig Saddle FCG	6/25/03	NA	<10	<10	NA
	7/24/03	2	<2	2	2
	8/27/03	14	<2	<2	NA
Goat Ranch Boat-In CG	6/25/03	NA	<10	40	NA
	7/24/03	8	<2	4	4
	8/27/03	2	<2	<2	NA
Kelly Ridge FRR	6/25/03	NA	<10	10	NA
	7/24/03	<2	<2	30	30
	8/27/03	4	<2	2	2
Potter Ravine FRR	6/25/03	NA	10	<10	NA
	7/24/03	<2	<2	NA	<2
	8/27/03	<2	<2	<2	NA
Stringtown FCG	6/25/03	NA	<10	<10	NA
	8/27/03	17	<2	2	2

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Open Water Concerns

Excessive Nutrients

Bacteria

- Total Coliform
- Fecal Coliform
- Fecal Streptococcus
- Enterococcus

Petroleum byproducts

- Aromatic hydrocarbons
- Polynuclear aromatic hydrocarbons
- Oil & grease
- MTBE

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Potential Sources of Contamination

Nutrients/Bacteria

Human water contact recreation (swimming, skiing, etc.)

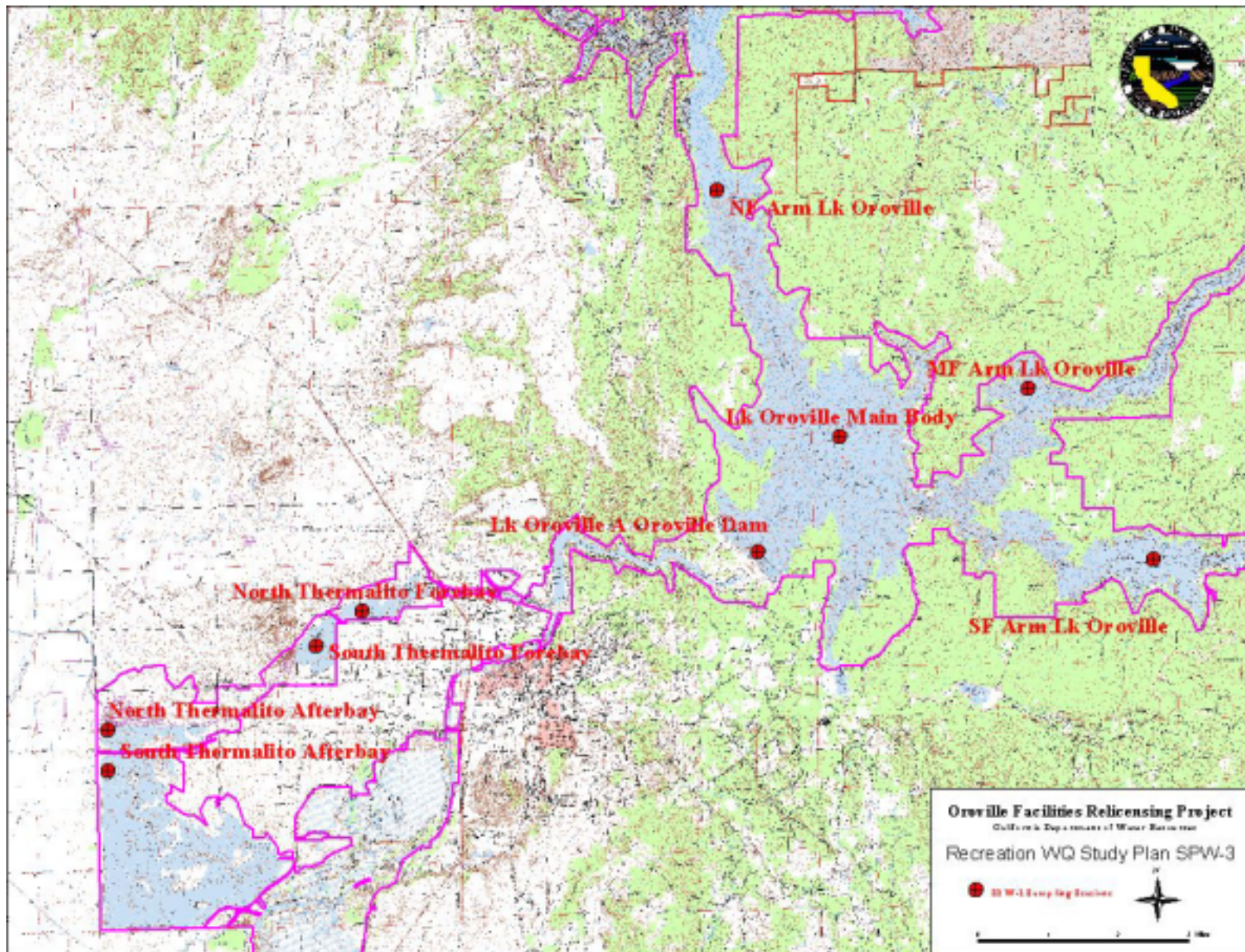
Leaky holding tanks

Littering (fish parts, garbage, etc.)

Petroleum byproducts

Leaky fuel tanks

Bilge or fuel discharges



**SPW-3 Recreation WQ Sampling
– Lake Stations -**